

In The Specification:

Please amend the specification by replacing the paragraphs as follows:

[0011] In particular, the present invention relates to a steering system for an articulated vehicle that includes a first frame and a second frame that are pivotally connected by a pivot joint. Hydraulic cylinders are connected between the first frame and the second frame, on opposite sides of the pivot joint, for articulating the first frame and the second frame. Four way, three position proportional ~~solenoids~~ solenoid valves are connected to the hydraulic cylinders by hydraulic conduits to control the flow of hydraulic fluid between the hydraulic cylinders, the pressure source (e.g., a pump) and the tank pressure. A microprocessor is connected to and controls the operation of the proportional solenoids and the ~~reversible~~ pump. Finally, there is a means for providing electronic steering signals to the microprocessor. By having proportional solenoids, rather than typical valves which are either opened or closed, the system can better regulate the amount and rate of flow of the hydraulic fluid to the hydraulic cylinders, thereby giving the system better and smoother steering control. In addition, rather than having a different hydraulic design for each type of steering device available, a single articulated vehicle design can be used that will accept any type of steering device desired that can send electronic steering signals to the microprocessor.